



JPW

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 60779  
Application ID: 10748920  
Title of Invention: MICROMACHINED ULTRASONIC  
TRANSDUCER CELLS HAVING  
COMPLIANT SUPPORT  
STRUCTURE  
First Named Inventor: Lowell Smith  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2004-05-11  
Effective Receipt Date: 2004-05-11  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 8403  
Attorney Docket Number: RD29129




Total Fees Authorized:

Digital Certificate Holder: cn=Dennis Michael Flaherty,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 8a23aacf89ee0e8da3b7acb4d1a867f78e1958f6



# TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>MICROMACHINED ULTRASONIC TRANSDUCER CELLS HAVING COMPLIANT SUPPORT STRUCTURE</b>									
<p>Application Number: 10/748920 </p> <p>Date: 2004-05-11</p> <p>First Named Applicant: Lowell Scott Smith</p> <p>Confirmation Number: 8403</p> <p>Attorney Docket Number: RD29129</p>										
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>										
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Dennis M. Flaherty Registered Number: 31159</td><td>/dennis m flaherty/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Dennis M. Flaherty Registered Number: 31159	/dennis m flaherty/	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Dennis M. Flaherty Registered Number: 31159	/dennis m flaherty/	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>GERDIDSMay11-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	GERDIDSMay11-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	GERDIDSMay11-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
<b>Comments</b>										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

MICROMACHINED ULTRASONIC TRANSDUCER CELLS  
HAVING COMPLIANT SUPPORT STRUCTURE

Application Number: 10/748920



Confirmation Number: 8403

First Named Applicant: Lowell Smith

Attorney Docket Number: RD29129

Search string: ( 5146435 or 5452268 or 5527741 or 5569968  
or 5596222 or 5619476 or 5684324 or 5870351  
or 5894452 or 5982709 or 6004832 or 6038928  
or 6140143 or 6239482 or 6242282 or 6262946  
or 6271620 or 6292435 or 6295247 or 6320239  
or 6328696 or 6328697 or 6359367 or 6381197  
or 6430109 or 6443901 or 6445109 or 6474786  
or 6493288 or 6562650 or 6571445 or 6676602  
or 20010043028 or 20010043029 or  
20020048219 or 20030048698 or  
20030103412 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5146435	1992-09-08	Bernstein			
	2	5452268	1995-09-19	Bernstein			
	3	5527741	1996-06-18	Cole et al.			
	4	5569968	1996-10-29	Lal et al.			
	5	5596222	1997-01-21	Bernstein			
	6	5619476	1997-04-08	Haller et al.			
	7	5684324	1997-11-04	Bernstein			
	8	5870351	1999-02-09	Ladabaum et al.			
	9	5894452	1999-04-13	Ladabaum et al.			
	10	5982709	1999-11-09	Ladabaum et al.			
	11	6004832	1999-12-21	Haller et al.			
	12	6038928	2000-03-21	Maluf et al.			

	13	6140143	2000-10-29	Christel et al.
	14	6239482	2001-05-29	Fillion et al.
	15	6242282	2001-06-05	Fillion et al.
	16	6262946	2001-07-17	Khuri-Yakub et al.
	17	6271620	2001-08-07	Ladabaum
	18	6292435	2001-09-18	Savord et al.
	19	6295247	2001-09-25	Khuri-Yakub et al.
	20	6320239	2001-11-20	Eccardt et al.
	21	6328696	2001-12-11	Fraser
	22	6328697	2001-12-11	Fraser
	23	6359367	2002-03-19	Sumanaweera et al.
	24	6381197	2002-04-30	Savord et al.
	25	6430109	2002-08-06	Khuri-Yakub et al.
	26	6443901	2002-09-03	Fraser
	27	6445109	2002-09-03	Percin et al.
	28	6474786	2002-11-05	Percin et al.
	29	6493288	2002-12-10	Khuri-Yakub et al.
	30	6562650	2003-05-13	Ladabaum
	31	6571445	2003-06-03	Ladabaum
	32	6676602	2004-01-13	Barnes et al.

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20010043028	2001-11-22	Ladabaum			
	2	20010043029	2001-11-22	Ladabaum			
	3	20020048219	2002-04-25	Ladabaum et al.			
	4	20030048698	2003-03-13	Barnes et al.			
	5	20030103412	2003-06-05	Ladabaum et al.			

Signature

Examiner Name	Date